BRUHAT BENGALURU MAHANAGARA PALIKE

Project Division, Yelahanka Zone

NAME OF WORK: "Construction of Samudhaya Bhavana Building and Bus shelter & providing grill fencing and other development works at 407 SFS park, 707 SFS park, Sri madivala machideva park and Major Sandeep Unnikrishnan Park of Yelahanka Assembly Constituency Under Amrutha Nagarothana Grants (PACKAGE-02)"

Modified Shedule-B

Sl. No	Discription of Item	Unit	Quantity	Rate	Amount	
					In Figure	In Words
1	Demolishing cement concrete manually/ by mechanical means including disposal of material to the appropriate disposal area as per direction of Engineer-in-charge. (KPWD SR 2021-22, Volume-II, Item No.19.2.1, Page No.163)	Cum	47.60	1,448.91	68,968.00	Rupees Sixty Eight Thousand Nine Hundred Sixty Eight Only
2	Demolishing stone rubble masonry In cement mortar manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material to the appropriate disposal area as per direction of Engineerin- charge. (KPWD SR 2021-22, Volume-II, Item No.19.9.2, Page No.163)	Cum	316.41	1,414.77	4,47,647.00	Rupees Four Lakh(s) Forty Seven Thousand Six Hundred Forty Seven Only
3	Earth work in surface excavation by mechanical means for lowering & leveling the ground without blasting for all works other than foundation in Ordinary/Soft rock & depth not exceeding 300mm as per drawing and technical specifications, including setting out. shoring. strutting, barricading, caution lights. removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work In Ordinary/Soft rock upto 300mm depth. (KPWD SR 2021-22, Volume-I, Item No.1.13, Page No.8)	Cum	912.31	304.42	2,77,725.00	Rupees Two Lakh(s) Seventy Seven Thousand Seven Hundred Twenty Five Only
4	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work. (KPWD SR 2021-22, Volume-I, Item No.1.4.1, Page No.5)	Cum	960.61	213.68	2,05,262.00	Rupees Two Lakh(s) Five Thousand Two Hundred Sixty Two Only
5	Earth work excavation for Foundation by mechanical means for all works & depth upto 3 m, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenaces required to complete the work.Depth exceeding 1.5 m, but not exceeding 3 m (P.No. 9, I.No. 1.15.2 of PWP & IWTD SR 2021-22)	Cum	219.14	366.86	80,395.00	Rupees Eighty Thousand Three Hundred Ninety Five Only
6	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations and other similar works etc. in layers not exceeding 20cm in depth, consolidating Each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m. (P.No. 07, I.No. 1.9 of PWP & IWTD SR 2021-22)	Cum	111.08	233.19	25,902.00	Rupees Twenty Five Thousand Nine Hundred Two Only

Sl. No	Discription of Item	Unit	Quantity	Rate	Amount	
					In Figure	In Words
7	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:3:6 (M10) Using 40 mm nominal size graded crushed coarse aggregates (KPWD SR 2021-22, Volume-I, Item No.2.1.3, Page No.15)	Cum	590.23	5,854.20	34,55,317.00	Rupees Thirty Four Lakh(s) Fifty Five Thousand Three Hundred Seventeen Only
	Quantity Above 125%	Cum	237.33	6,359.89	15,09,374.00	Rupees Fifteen Lakh(s) Nine Thousand Three Hundred Seventy
8	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately)Mix 1:2:4 (M15) Using 20 mm nominal size graded crushed coarse aggregates(P.No. 17, I.No. 2.4.1 of PWP & IWTD SR 2021-22)	Cum	3.18	6,601.59	20,981.00	Rupees Twenty Thousand Nine Hundred Eighty One Only
	Quantity Above 125%	Cum	19.12	6,733.19	1,28,725.00	Rupees One Lakh(s) Twenty Eight Thousand Seven Hundred Twenty
9	STonnes Providing Size Stone masonry (Available STonnes) with hard stone in foundation & plinth with Cement mortar 1:6 (1 cement : 6 coarse sand)	Cum	158.66	4,390.65	6,96,621.00	Rupees Six Lakh(s) Ninety Six Thousand Six Hundred Twenty One Only
10	Providing Coursed rubble masonry (first sort) with hard stone in foundation and plinth with Cement mortar 1:6 (1 cement : 6 coarse sand) (KPWD SR 2021-22, Volume-II, Item No.5.2, Page No.9)	Cum	469.40	5,854.20	27,47,938.00	Rupees Twenty Seven Lakh(s) Forty Seven Thousand Nine Hundred Thirty Eight Only
11	Providing Coursed rubble masonry (Second sort) with hard stone in foundation and plinth with Cement mortar 1:6 (1 cement : 6 coarse sand) (KPWD SR 2021-22, Volume-II, Item No.5.2, Page No.9)	Cum	151.27	5,659.06	8,56,069.00	Rupees Eight Lakh(s) Fifty Six Thousand Sixty Nine Only
12	Providing and laying in position plain cement concrete Mix 1:3:6 (M10) Using 20 mm nominal size graded crushed coarse aggregates for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) (KWPD 2021-22, V-I, Item No.2.1.3, Page No.15)	Cum	112.89	6,342.05	7,15,930.00	Rupees Seven Lakh(s) Fifteen Thousand Nine Hundred Thirty Only
	Quantity Above 125%		64.98	6,559.13	4,26,237.00	Rupees Four Lakh(s) Twenty Six

Contractor

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13	Providing and laying in position Reinforced cement concrete M20 Using 20 mm nominal size graded crushed coarse aggregates for all Sub structures of building, Irrigation works, Sub structure works of bridges, Dram works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necessary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) (KWPD 2021-22, V-I, Item No.2.4.2, Page No.17)	Cum	44.99	6,342.05	2,85,353.00	Rupees Two Lakh(s) Eighty Five Thousand Three Hundred Fifty Three Only
	Quantity Above 125%	Cum	8.86	6,833.96	60,551.00	Rupees Sixty Thousand Five Hundred Fifty One Only
14	Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications. (KWPD 2021-22, V-III, Item No.13.1, Page No.99) Issue Rates as on 08.04.2022	Tonnes	3.55	97,570.00	3,45,907.00	Rupees Three Lakh(s) Forty Five Thousand Nine Hundred Seven Only
15	Providing Flush/ Ruled pointing: Pointing on stone work with cement mortar 1:3 (1 cement : 3 fine sand) after raking joints to depth nicely lining, including cost of materials, labour, curing as per specifications and as per directions of Engineer-in-charge. (KPWD SR 2021-22, Volume-II, Item No.8.19.1, Page No.44) **Quantity Upto 125%**	Sqm	1,329.12	224.41	2,98,268.00	Rupees Two Lakh(s) Ninety Eight Thousand Two Hundred Sixty Eight Only
16	Refilling available earth around trenches/pipelines, cables in layers not exceeding 20 cms in depth, compacting Each deposited layer by ramming after watering with a lead upto 50 m , and lift upto 1.5 m. Including cost of all labour complete as per specifications (KPWD SR 2021-22, Volume-I, Item No.1.10, Page No.7)	Cum	293.25	139.53	40,917.00	Rupees Forty Thousand Nine Hundred Seventeen Only
17	Removing & Restting of Kerb Stone (Approved Rate)	M	479.50	135.62	65,030.00	Rupees Sixty Five Thousand Thirty Only
18	Providing and fixing pre cast solid cement concrete kerb sTonnes made out of M20 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete (Approved Rate)	No's	4,398.00	544.44	23,94,447.00	Rupees Twenty Three Lakh(s) Ninety Four Thousand Four Hundred Forty Seven Only
19	Painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concrete surfaces (KPWD SR 2021-22, Volume-III, Item No.8.10, Page No.56)	Sqm	818.03	97.57	79,815.00	Rupees Seventy Nine Thousand Eight Hundred Fifteen Only
20	Construction of Median and Island with Soil Taken from Borrow Areas Construction of median and Island above road level with approved material brought from borrow pits, spread, sloped and compacted as per clause 408. (KPWD SR 2021-22, Volume-III, Item No.4.30, Page No.25)	Cum	17.63	516.96	9,111.00	Rupees Nine Thousand One Hundred Eleven Only
	Quantity Above 125%	Cum	2.16	516.44	1,113.00	Rupees One Thousand One Hundred Thirteen Only

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					In Figure	In Words
21	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density. (KWPD 2021-22, V-III, Item No.4.27, Page No.24)	Cum	35.54	2,743.67	97,496.00	Rupees Ninety Seven Thousand Four Hundred Ninety Six Only
	Quantity Above 125%	Cum	72.02	2,741.37	1,97,446.00	Rupees One Lakh(s) Ninety Seven Thousand Four Hundred Forty Six
22	Providing and laying Cement concrete pavement with 1:2:4 for commercial & residential building floors, hardpaths, footpaths using 1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size, including finishing complete as per Engineer incharge. (KPWD SR 2021-22, Volume-II, Item No.9.4, Page No.59)	Cum	51.34	6,959.67	3,57,292.00	Rupees Three Lakh(s) Fifty Seven Thousand Two Hundred Ninety Two Only
	Quantity Above 125%	Cum	0.73	7,099.62	5,200.00	Rupees Five Thousand Two Hundred Only
23	Providing and laying 52 mm thick cement concrete flooring with concrete hardener topping, under layer 40 mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) and top layer 12 mm thick cement hardener consisting of mix 1:2 (1 cement hardener mix : 2 graded stone aggregate 6 mm nominal size) by volume, hardening compound mixed @ 2 litre per 50 kg of cement or as per direction of Engineer incharge. (KPWD SR 2021-22, Volume-II, Item No.9.2, Page	Cum	154.50	829.34	1,28,133.00	Rupees One Lakh(s) Twenty Eight Thousand One Hundred Thirty Three Only
	Quantity Above 125%	Cum	46.51	807.30	37,547.00	Rupees Thirty Seven Thousand Five Hundred Forty Seven Only
24	Providing, laying & fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, mortar, including cutting, griding the edge to half/full round wherever required, labour, curing complete as per specification. (KPWD SR 2021-22, Volume-II, Item No.9.40, Page No.65)	Sqm	170.05	1,271.34	2,16,191.00	Rupees Two Lakh(s) Sixteen Thousand One Hundred Ninety One Only
25	Fabricating,providing and erecting in position of MS Hot Dip galvanised SqHollow poles of 132x132 Heavy Guage of length 3000mm with MS.Hot Dip Galvanized grill work as per approved design and drawing of chief architect using 12*25mm galvanized flat for alround frame and 20mm*20mm galvanized forged design with square for vertical at 150mm c/c as shown in the drawing including providing forged ornamental arrowhead at top and bottom.The work is inclusive of throughing flat,square rods,placing welding all the joints,including grinding finishing 2 coats of anticorrosive paint over one coat of metal primer.The rate is inclusive of all material like MS Hollow galvanized pipe,flat,forged square rods,cost of labour for all items of work cost painting,welding,grinding with all lead and lift as per specification including loading with cost and conveyance of all materials labour machinery and incidental charges for the successful complete of the work as per the direction engineer incharge of the work	Sqm	2,586.60	15,250.19	3,94,46,141.00	Rupees Three Crore Ninety Four Lakh(s) Forty Six Thousand One Hundred Forty One Only

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					In Figure	In Words
26	Fabrication, providing and erecting in position Hot dip galvanised Gate using 72 x72 x 4mm Sq. GI Pipe frame with top pipe bending in heavy hydraulic press with sand packing and hot bending to form double arch as per drawing profile, 20mm hot dip galvanised Sq. rod for verticals at 150mm c/c, as shown in the drawing including providing ho dip galvanised forged ornamental design in between sq. rods and heads at top, middle and bottom. Intermediate supports of 72x12mm and 50x6mm arch bent to hot dip galvanised flats the work is inclusive of troughing GI flat GI sq. rods, placing, welding all the joints including grinding, finishing metal patty, painting two coats enamel painting. The rate is inclusive of all materials like GI sq rods, GI gorged designs etc., heavy duty hinges are made out of 75mm solid sq block assembled with 20mm dia bearing in three places for Each flop. Heavy duty locking arrangements at two places including cost of labour, unloading, scaffolding charges and all other incidental charges for successful completion of the work as per directions of the engineer-in-charge of the work.	Sqm	36.00	22,246.94	8,00,890.00	Rupees Eight Lakh(s) Eight Hundred Ninety Only
	Quantity Above 125%	Sqm	27.85	22,246.94	6,19,577.00	Rupees Six Lakh(s) Nineteen
27	Removing & Resetting of Cobble Stone (Approved Rate)	Sqm	799.63	435.57	3,48,295.00	Rupees Three Lakh(s) Forty Eight Thousand Two Hundred Ninety Five Only
28	Providing and laying heavy duty cobble sTonnes 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 30Mpa as per IRC SP 63:2018 & IS 15658 over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level , including cost of materials, labour and Usage charges of machinery complete as per specifications (KWPD 2021-22, V-II, Item No.9.31, Page No.64)	Sqm	1,178.34	1,245.97	14,68,181.00	Rupees Fourteen Lakh(s) Sixty Eight Thousand One Hundred Eighty One Only
	Quantity Above 125%	Sqm	674.05	1,244.72	8,39,007.00	Rupees Eight Lakh(s) Thirty Nine Thousand Seven Only
29	Providing & fixing on roof pressed clay tile (Mangalore tile) of 20 mm nominal thickness and of approved size and as per approved pattern on steel frame work complete. (KWPD 2021-22, V-II, Item No.7.35, Page No.26)	Sqm	43.04	299.54	12,892.00	Rupees Twelve Thousand Eight Hundred Ninety Two Only
30	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two coat applied @ 0.90 ltr/10 m^2 over an under coat of primer applied @ 0.80 ltr/10 m^2 of approved brand and manufacture including preparing the surface after thorougly cleaning oil, grease, dirt and foreign matter, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. (KWPD 2021-22, V-II, Item No.8.33.3, Page No.47)	Sqm	62.65	121.50	7,612.00	Rupees Seven Thousand Six Hundred Twelve Only
31	Providing & fixing precast Bollards of size 150mm dia 0.90m height made of M25 Reinforced Cement concrete it includes TMT steel, PCC 1:3:6 for fixing and cost of enamel paint and including cost of all materials, labour, curing, transportation, loading, unloading etc, complete as per the directions of the Engineer In Charge (Approved Rate)	No's	198.00	1,812.85	3,58,944.00	Rupees Three Lakh(s) Fifty Eight Thousand Nine Hundred Forty Four Only
32	Executive Bench: Made out of Sadarahally Grey Stone with hand supporters with 3 line finishing witharch Design with 100mm SLAB Height 90 x Length 150 x Width 45 Cms.	No's	43.00	18,964.68	8,15,481.00	Rupees Eight Lakh(s) Fifteen Thousand Four Hundred Eighty One Only

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Executive Engineer

Sl. No	Discription of Item	Unit	Quantity	Rate	Amount	
					In Figure	In Words
33	Loading and Unloading of Stone Boulder/Stone aggregates/Sand/Kankar/Moorum. (Tipper 5.5 m3) (KPWD SR 2021-22, Volume-III, Item No.1.1 A, Page No.3) (Rs.118.00 per Cum) Cost of Haulage Excluding Loading and Unloading Case-1 : Surfaced Road Taking output 10 t load and lead 10 km = 100 t.km (KPWD SR 2021-22, Volume-III, Item No.1.4 A, Page No.3) (Rs.12.00 per t.km)	Cum	2,297.41	149.28	3,42,957.00	Rupees Three Lakh(s) Forty Two Thousand Nine Hundred Fifty Seven Only
34	Earth work excavation by manual means for drains,canals, waste weir draft, approach channels, key trench, foundation of Bridges and such similar works, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, excavated surface leveled and sides neatly dressed disposing off or leveling the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage & other appurtenances required to complete the work. In ordinary/soft rock without blasting upto 1.5 m depth (KPWD SR 2021-22, Volume-II, Item No.1.5.1, Page No.6)	Cum	49.46	262.46	12,982.00	Rupees Twelve Thousand Nine Hundred Eighty Two Only
35	Providing and laying in position plain cement concrete Mix 1:3:6 (M10) Using 40 mm nominal size graded crushed coarse aggregates for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) (KWPD 2021-22, V-I, Item No.2.1.3, Page No.15)	Cum	32.94	6,234.72	2,05,372.00	Rupees Two Lakh(s) Five Thousand Three Hundred Seventy Two Only
36	Providing and laying in position Reinforced cement concrete M25 Using 20 mm nominal size graded crushed coarse aggregates for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) (KWPD 2021-22, V-I, Item No.2.4.3, Page No.17)	Cum	9.02	6,929.42	62,531.00	Rupees Sixty Two Thousand Five Hundred Thirty One Only

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Executive Engineer

Sl. No	Discription of Item	Unit	Quantity	Rate	Amount	
					In Figure	In Words
37	Providing and laying in position Reinforced cement concrete M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement, dowel bars & formwork to be paid separately) (KWPD 2021-22, V-I, Item No.2.5.2,	Cum	0.00	0.00	0.00	Rupees Nil
38	Providing and laying in position Reinforced cement concrete M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement, dowel bars & formwork to be paid separately) (KWPD 2021-22, V-I, Item No.2.5.2, Page No.17) FOR PLINTH BEAM, LIMTEL, ROOF BEAM & ROOF SLAB (GROUND FLOOR)	Cum	44.94	8,746.17	3,93,069.00	Rupees Three Lakh(s) Ninety Three Thousand Sixty Nine Only
39	Providing and laying in position Reinforced cement concrete M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement, dowel bars & formwork to be paid separately) (KWPD 2021-22, V-I, Item No.2.5.2, Page No.17) FOR COLUMN (GROUND FLOOR)	Cum	5.00	8,016.35	40,046.00	Rupees Forty Thousand Forty Six Only

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Executive Engineer
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					In Figure	In Words
40	Providing and laying in position Reinforced cement concrete M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement, dowel bars & formwork to be paid separately) (KWPD 2021-22, V-I, Item No.2.5.2, Page No.17) FOR STAIRCASE, CHEJJA (GROUND	Cum	3.91	10,664.40	41,682.00	Rupees Forty One Thousand Six Hundred Eighty Two Only
41	Providing and laying in position Reinforced cement concrete M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement, dowel bars & formwork to be paid separately) (KWPD 2021-22, V-I, Item No.2.5.2, Page No.17) FOR PLINTH BEAM, LIMTEL, ROOF BEAM & ROOF SLAB (FIRST FLOOR)	Cum	28.84	8,833.99	2,54,753.00	Rupees Two Lakh(s) Fifty Four Thousand Seven Hundred Fifty Three Only
42	Providing and laying in position Reinforced cement concrete M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement, dowel bars & formwork to be paid separately) (KWPD 2021-22, V-I, Item No.2.5.2, Page No.17) FOR COLUMN (FIRST FLOOR)	Cum	5.76	7,711.93	44,421.00	Rupees Forty Four Thousand Four Hundred Twenty One Only
	Quantity Above 125%	Cum	1.09	7,154.42	7,763.00	Rupees Seven Thousand Seven

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Executive Engineer

Sl. No	Discription of Item	Unit	Quantity	Rate	Amount	
					In Figure	In Words
43	Providing and laying in position Reinforced cement concrete M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement, dowel bars & formwork to be paid separately) (KWPD 2021-22, V-I, Item No.2.5.2, Page No.17) FOR STAIR CASE (FIRST FLOOR)	Cum	3.86	10,162.89	39,195.00	Rupees Thirty Nine Thousand One Hundred Ninety Five Only
44	Providing Thermo-Mechanically Treated bars of grade Fe-500D or more Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position, binding and anchoring to adjacent members whereever necessary complete as per Design including cost of material, labour, usage charges complete as per specifications. (The laps and wastages shall not be measured separately)(KWPD 2021-22, V-II, Item No.11.32, Page No.84) GROUND FLOOR	Kgs	15,982.36	107.33	17,15,387.00	Rupees Seventeen Lakh(s) Fifteen Thousand Three Hundred Eighty Seven Only
45	Providing Thermo-Mechanically Treated bars of grade Fe-500D or more Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position, binding and anchoring to adjacent members whereever necessary complete as per Design including cost of material, labour, usage charges complete as per specifications. (The laps and wastages shall not be measured separately)(KWPD 2021-22, V-II, Item No.11.32, Page No.84) FIRST FLOOR	Kgs	5,757.00	119.04	6,85,313.00	Rupees Six Lakh(s) Eighty Five Thousand Three Hundred Thirteen Only
	Quantity Above 125%	Kgs	2,495.29	106.40	2,65,506.00	Rupees Two Lakh(s) Sixty Five Thousand Five Hundred Six Only
46	Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6 (1 cement : 6 coarse sand) (KWPD 2021-22, V-II, Item No.5.4, Page No.9)	Cum	0.00	0.00	0.00	Rupees Nil
47	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x200x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications. (KWPD 2021-22, V-II, Item	Sqm	99.46	1,341.59	1,33,435.00	Rupees One Lakh(s) Thirty Three Thousand Four Hundred Thirty Five Only
48	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x200x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications. (KWPD 2021-22, V-II, Item No.6.32, Page No.17) FIRST FLOOR	Sqm	153.77	1,362.08	2,09,447.00	Rupees Two Lakh(s) Nine Thousand Four Hundred Forty Seven Only

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Executive Engineer

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					In Figure	In Words
49	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x150x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications. (P.No. 17, I.No. 6.33 of PWP & IWTD SR 2021-22)	Sqm	79.32	1,192.31	94,575.00	Rupees Ninety Four Thousand Five Hundred Seventy Five Only
50	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x150x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications. (P.No. 17, I.No. 6.33 of PWP & IWTD SR 2021-22) FIRST FLOOR	Sqm	65.18	1,201.09	78,287.00	Rupees Seventy Eight Thousand Two Hundred Eighty Seven Only
51	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x100x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications. (KWPD 2021-22, V-II, Item No.6.24, Page No.17)	Sqm	13.81	1,054.73	14,566.00	Rupees Fourteen Thousand Five Hundred Sixty Six Only
52	Providing and laying in position Reinforced cement concrete M25 Using 20 mm nominal size graded crushed coarse aggregates for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) (KWPD 2021-22, V-I, Item No.2.4.3, Page No.17) FOR COLUMN	Cum	2.44	6,726.48	16,421.00	Rupees Sixteen Thousand Four Hundred Twenty One Only
53	Providing and laying in position Reinforced cement concrete M25 Using 20 mm nominal size graded crushed coarse aggregates for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) (KWPD 2021-22, V-I, Item No.2.4.3, Page No.17) FOOTING	Cum	35.64	7,215.30	2,57,153.00	Rupees Two Lakh(s) Fifty Seven Thousand One Hundred Fifty Three Only

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					In Figure	In Words
54	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates(P.No. 17, I.No. 2.4.3 of PWP & IWTD SR 2021-22)	Cum	6.55	7,030.89	46,066.00	Rupees Forty Six Thousand Sixty Six Only
55	Providing 20 mm cement plaster of mix :1:4 (1 cement: 4 fine sand) to brick/stone masonary including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge. (KWPD 2021-22, V-II, Item No.8.3.1, Page No.41)	Sqm	0.00	0.00	0.00	Rupees Nil
56	Providing 18 mm cement plaster in two coats under layer 12 mm thick cement plaster with cement mortar 1:5 (1 cement . 5 coarse sand) inished with a top layer 6 mm thick cement plaster with cement mortar 1:6 (1 cement : 6 fine sand) to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge. (KWPD 2021-22, V-II, Item No.8.8, Page No.42)	Sqm	0.00	0.00	0.00	Rupees Nil
57	Providing 12 mm cement plaster with cement mortar 1:4 (1 cement: 4 fine sand) to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge.. (KWPD 2021-22, V-II, Item No.8.1.1, Page No.41) GROUND FLOOR	Sqm	693.76	234.17	1,62,458.00	Rupees One Lakh(s) Sixty Two Thousand Four Hundred Fifty Eight Only
58	Providing 12 mm cement plaster with cement mortar 1:4 (1 cement: 4 fine sand) to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge.. (KWPD 2021-22, V-II, Item No.8.1.1, Page No.41) FIRST FLOOR	Sqm	344.95	234.17	80,776.00	Rupees Eighty Thousand Seven Hundred Seventy Six Only
59	Providing 15 mm cement plaster on the rough side of single or half brick wall of mix 1:4 (1 cement: 4 fine sand) including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge.(P.No. 40, I.No. 8.2.1 of PWP & IWTD SR 2021-22) GROUND FLOOR	Sqm	195.88	277.10	54,277.00	Rupees Fifty Four Thousand Two Hundred Seventy Seven Only
	Quantity Above 125%	Sqm	31.07	283.98	8,823.00	Rupees Eight Thousand Eight Hundred Twenty Three Only

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					In Figure	In Words
60	Providing 15 mm cement plaster on the rough side of single or half brick wall of mix 1:4 (1 cement: 4 fine sand) including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge.(P.No. 40, I.No. 8.2.1 of PWP & IWTD SR 2021-22) FIRST FLOOR	Sqm	289.12	282.95	81,806.00	Rupees Eighty One Thousand Eight Hundred Six Only
61	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete as per specifications and as per directions of Engineer in charge. (KWPD 2021-22, V-II, Item No.8.51, Page No.50) GROUND FLOOR	Sqm	640.09	87.81	56,206.00	Rupees Fifty Six Thousand Two Hundred Six Only
62	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete as per specifications and as per directions of Engineer in charge. (KWPD 2021-22, V-II, Item No.8.51, Page No.50) FIRST FLOOR	Sqm	558.99	96.24	53,797.00	Rupees Fifty Three Thousand Seven Hundred Ninety Seven Only
63	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade :Two coats on new work after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. (P.No. 48, I.No. 8.39 of PWP & IWTD SR 2021-22) GROUND FLOOR	Sqm	421.02	108.81	45,811.00	Rupees Forty Five Thousand Eight Hundred Eleven Only
64	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade :Two coats on new work after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. (P.No. 48, I.No. 8.39 of PWP & IWTD SR 2021-22) FIRST FLOOR	Sqm	269.87	109.87	29,650.00	Rupees Twenty Nine Thousand Six Hundred Fifty Only
65	Finishing walls with textured exterior paint of required shade :New work (Two coats applied @ 3.28 ltr/10 m²) over and including priming coat of exterior primer applied @ 2.20kg/10 m² to give an even shade after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.(P.No. 45, I.No. 8.29 of PWP & IWTD SR 2021-22) GROUND FLOOR	Sqm	195.88	238.83	46,781.00	Rupees Forty Six Thousand Seven Hundred Eighty One Only
	Quantity Above 125%	Sqm	114.90	238.18	27,367.00	Rupees Twenty Seven Thousand Three Hundred Sixty Seven Only
66	Finishing walls with textured exterior paint of required shade :New work (Two coats applied @ 3.28 ltr/10 m²) over and including priming coat of exterior primer applied @ 2.20kg/10 m² to give an even shade after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.(P.No. 45, I.No. 8.29 of PWP & IWTD SR 2021-22) FIRST FLOOR	Sqm	289.12	240.20	69,446.00	Rupees Sixty Nine Thousand Four Hundred Forty Six Only

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Executive Engineer

Sl. No	Discription of Item	Unit	Quantity	Rate	Amount	
					In Figure	In Words
67	Finishing walls with Acrylic Smooth exterior paint of required shade :New work (Two coat applied @ 1.67 ltr/10 m² over and including priming coat of exterior primer applied @ 2.20 kg/10 m²) with paint of approved quality to give an even shade, after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. (KWPD 2021-22, V-II, Item No.8.30, Page No.46)	Sqm	0.00	0.00	0.00	Rupees Nil
68	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications: Two coats applied on walls @ 1.25 ltr/10 m² over and including one coat of Special primer applied @ 0.75 ltr /10 m² with paint of approved quality to give an even shade, after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. (KWPD 2021-22, V-II, Item No.8.33.1, Page No.46)	Sqm	0.00	0.00	0.00	Rupees Nil
9	Providing and laying water proofing treatment to the Roof with PU based single component elastomeric pure polyurethane based coating on New terrace/Chajjas/Sunken portion of WC:Bathroom, cold applied PU waterproofing membrane that is highly elastic with elongation greater than 400% and tensile strength greater than 2MPa as per ASTM D412. The waterproofing membrane to be applied in 2coats @ 1.6kg per m2 to achieve final DFT (dry film thickness) of 1mm including prime coat of epoxy primer @150 g per m2 and protection with 120gsm Geo-textile over the waterproofing membrane. The finished cost to include surface preparation, making coving at Junction, Bore Packing, treatment of construction joints completely as per specification & with a 10 years warranty on product & work from certified manufacturers as per the direction of the Engineer In charge. (KWPD 2021-22, V-II, Item No.15.1, Page No.132)	Sqm	0.00	0.00	0.00	Rupees Nil
)	Providing and laying water proofing treatment to the Roof with PU based single component elastomeric pure polyurethane based coating on New terrace/Chajjas/Sunken portion of WC:Bathroom, cold applied PU waterproofing membrane that is highly elastic with elongation greater than 400% and tensile strength greater than 2MPa as per ASTM D412. The waterproofing membrane to be applied in 2coats @ 1.6kg per m2 to achieve final DFT (dry film thickness) of 1mm including prime coat of epoxy primer @150 g per m2 and protection with 120gsm Geo-textile over the waterproofing membrane. The finished cost to include surface preparation, making coving at Junction, Bore Packing, treatment of construction joints completely as per specification & with a 10 years warranty on product & work from certified manufacturers as per the direction of the Engineer In charge. (KWPD 2021-22, V-II, Item No.15.1, Page No.132) TERRACE FLOOR	Sqm	155.18	868.37	1,34,756.00	Rupees One Lakh(s) Thirty Four Thousand Seven Hundred Fifty Six Only

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Sl. No	Discription of Item	Unit	Quantity	Rate	Amount	
					In Figure	In Words
71	Providing and laying of 1.5 mm thick SBS modified self adhesive single stick waterproofing membrane, with minimum elongation of 300% and puncture resistance of >200 N (as per ASTM E154), with an overlap of 100mm on the side and 100mm in vertical lapping over a coat bituminous primer @ 0.25 l/m2,complete including surface preparation as per the methodology and site condition & placing the dimple board over the SBS membrane. The cost is inclusive of surface preparation, crack filling, repair of loose mortar etc. completely as per specification & with a 10 years warranty on product & work from certified manufacturers as per the direction of the Engineer In charge. (KWPD 2021-22, V-II, Item No.15.3, Page No.133)	Sqm	0.00	0.00	0.00	Rupees Nil
72	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to openings /wooden frames with rawl plugs screws etc. (KWPD 2021-22, V-II, Item No.11.34B, Page No.84)	KG	226.80	160.84	36,479.00	Rupees Thirty Six Thousand Four Hundred Seventy Nine Only
	Quantity Above 125%	KG	1,889.20	179.78	3,39,642.00	Rupees Three Lakh(s) Thirty Nine Thousand Six Hundred Forty Two
73	Providing & fixing of 2-track x 2-panel sliding windows made out of multi chambered UPVC (Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6 PHR with TPE (Thermo Plastic Elastomer) and lead free, gaskets -grey color having isolated drainage and reinforced with Galvanized Iron profile through-out the window frame. The outer frame having an overall size of 44mm width x 40mmheight with reinforcement of 1mm thickness and Sash with overall size of 27mm X 53mm with UPVC honeycomb structure inside in lieu of GI reinforcement. Coextruded Glazing bead for fixing of glass shall be of size 9.5mm x 21.5mm. Windows shall be provided with 5mm plain float glass, standard hardware& single point locking system with Crescent Locks. Wall thickness of frame & sash shall be of 2 mm.Maximum possible size – 1219mm x 1219mm. (The cost is inclusive of all fixtures and separate charges for minor T&P's shall not be made)(KWPD 2021-22, V-II, Item No.11.34B, Page No.84)	Sqm	0.00	0.00	0.00	Rupees Nil
74	Providing & fixing of 2.5 track x 2-panel sliding windows made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPE(Thermo Plastic Elastomer) and lead free, gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through-out the window frame. The outer frame having an overall size of 94mm width x 45mm height with reinforcement of 1mm thickness and Sash with overall size of 39mm x 58mm with GI reinforcement of 1.5mm and mesh sash of size 25mm x 42mm. Coextruded Glazing bead for fixing of glass shall be of size 20mm x 24 mm. Windows shall be provided with 5mm plain float glass, standard hardware& single point locking system with touch lock. Wall thickness of frame & sash shall be of 2mm-2.5mm. Maximum possible size – 1819mm x 1819mm. (The cost is inclusive of all fixtures and separate charges for minor T&P's shall not be made) (P.No. 111, I.No. 12.89 of PWP & IWTD SR 2021-22)	Sqm	11.16	7,705.10	85,989.00	Rupees Eighty Five Thousand Nine Hundred Eighty Nine Only

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Executive Engineer

Discription of Item	Unit	Quantity	Rate	Amount	
				In Figure	In Words
Providing & fixing of 2.5 track x 2-panel sliding windows made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPE(Thermo Plastic Elastomer) and lead free, gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through out the window frame. The outer frame having an overall size of 94mm width x 45mm height with reinforcement of 1mm thickness and Sash with overall size of 39mm x 58mm with GI reinforcement of 1.5mm and mesh sash of size 25mm x 42mm. Coextruded Glazing bead for fixing of glass shall be of size 20mm x 24 mm. Windows shall be provided with 5mm plain float glass, standard hardware& single point locking system with touch lock. Wall thickness of frame & sash shall be of 2mm-2.5mm. Maximum possible size – 1819mm x 1819mm. (The cost is inclusive of all fixtures and separate charges for minor T&P's shall not be made) (P.No. 111, I.No. 12.89 of PWP & IWTD SR 2021-22) FIRST FLOOR	Sqm	11.52	7,782.18	89,651.00	Rupees Eighty Nine Thousand Six Hundred Fifty One Only
Providing & fixing 10 mm thick plaster of Paris (gypsum anhydrous) ceiling up to a height of 5 m above floor level, over first class kail wood strips 25x6 mm with 10 mm gap in between and reinforced with rabbit wire mesh fixed to wooden frame.Flat surfaces (P.No. 133, I.No. 15.1 of PWP & IWTD SR 2021-22) GROUND FLOOR	Sqm	0.00	0.00	0.00	Rupees Nil
Providing & fixing 10 mm thick plaster of Paris (gypsum anhydrous) ceiling up to a height of 5 m above floor level, over first class kail wood strips 25x6 mm with 10 mm gap in between and reinforced with rabbit wire mesh fixed to wooden frame.Flat surfaces (P.No. 133, I.No. 15.1 of PWP & IWTD SR 2021-22) FIRST FLOOR	Sqm	0.00	0.00	0.00	Rupees Nil
Providing & fixing of louvered ventilator made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titan um Dioxide) at 6PHR with TPE(Thermo Plastic Elastomer) and lead free with gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through-out the ventilator frame. The frame having overall size of 39mm x 39mm with GI reinforcement of 1mm thickness. Louver clip in Aluminium (powder coated in white) will be used on the frame along with plastic parts for fixing the 4 mm pin head glass. Wall thickness of frame shall be 2mm.Maximum possible size – 1000mm x 1000mm.(The cost is inclusive of all fixtures and separate charges for minor T&P's shall not be made) (KWPD 2021-22, V-II, Item No.12.85, Page No.110)	Sqm	0.00	0.00	0.00	Rupees Nil

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Executive Engineer

Sl. No	Description of Item	Unit	Quantity	Rate	Amount	
					In Figure	In Words
79	Providing & fixing of louvered ventilator made out of multi chambered UPVC (Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPE(Thermo Plastic Elastomer) and lead free with gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through out the ventilator frame. The frame having overall size of 39mm x 39mm with GI reinforcement of 1mm thickness. Louver clip in Aluminum (powder coated in white) will be used on the frame along with plastic parts for fixing the 4 mm pin head glass. Wall thickness of frame shall be 2mm.Maximum possible size – 1000mm x 1000mm (The cost is inclusive of all fixtures and separate charges for minor T&P's shall not be made) (KWPD 2021-22, V-II, Item No.12.85, Page No.110) FIRST FLOOR **Quantity upto 125%**	Sqm	1.10	5,638.07	6,174.00	Rupees Six Thousand One Hundred Seventy Four Only
80	Providing and fixing Fiber Glass Reinforced plastic (FRP) Door Frames of cross- section 90 mm x 45 mm having single rebate of 32 mm x 15 mm to receive shutter of 30 mm thickness. The laminate shall be moulded with fire resistant grade unsaturated polyester resin and chopped mat. Door frame laminate shall be 2mm thick and shall be filled with suitable wooden block in all the three legs. The frame shall be covered with fiber glass from all sides. M.S. stay shall be provided at the bottom to steady the frame (KWPD 2021-22, V-II, Item No.12.98)	Mtr	0.00	0.00	0.00	Rupees Nil
81	Providing and fixing to existing door frames. 30 mm thick Glass Fibre Reinforced Plastic (FRP) panelled door shutter of required colour and approved brand and manufacture, made with fire - retardant grade unsaturated polyester resin, moulded to 3 mm thick FRP laminate for forming hollow rails and styles, with wooden frame and suitable blocks of seasoned wood inside at required places for fixing of fittings, cast monolithically with 5 mm thick FRP laminate for panels conforming to IS: 14856, including fixing to frames. (KWPD 2021-22, V-II, Item No.12.99.1)	Sqm	0.00	0.00	0.00	Rupees Nil
82	Providing Mathi/Nandi wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, usage charges complete as per specifications. (KWPD 2021-22, V-II, Item No.12.12, Page No.100)	Cum	0.00	0.00	0.00	Rupees Nil
83	Providing and fixing in position fully panelled Mathi/Nandi wood shutters for doors with stiles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and stiles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, usage charges complete as per specifications. (excluding cost of fixtures) (KWPD 2021-22, V-II, Item No.12.15, Page No.100)	Cum	0.00	0.00	0.00	Rupees Nil
84	Painting wood work with Deluxe Multi Surface Paint of required shade. Two coat applied @ 0.90 ltr/10 m² over an under coat of primer applied @0.75 ltr/10 m² of approved brand and manufacture to give an even shade including preparing the surface after thorougly cleaning oil, grease, dirt and foreign matter, sand papering and knotting , cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. (KWPD 2021-22, V-II, Item No.8.33.2, Page No.46)	Sqm	0.00	0.00	0.00	Rupees Nil

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Sl. No	Discription of Item	Unit	Quantity	Rate	Amount	
					In Figure	In Words
85	Painting Steel work with Deluxe Multi Surface Paint to give an even shade, Two coat applied @ 0.90 ltr/10 m² over an under coat of primer applied @ 0.80 ltr/10 m² of approved brand and manufacture including preparing the surface after thorougly cleaning oil, grease, dirt and foreign matter, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. (KWPD 2021-22, V-II, Item No.8.33.3, Page No.47)	Sqm	21.60	120.99	2,613.00	Rupees Two Thousand Six Hundred Thirteen Only
	Quantity Above 125%	Sqm	63.04	121.38	7,652.00	Rupees Seven Thousand Six Hundred Fifty Two Only
86	Providing and laying vitrified floor tiles in different sizes 500x500 mm (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ m2 including grouting the joints with white cement and matching pigments etc., complete.(P.No. 60, I.No. 9.12.1, V-2 of PWP & IWTD SR 2021-22) GROUND FLOOR	Sqm	0.00	0.00	0.00	Rupees Nil
87	Providing and laying vitrified floor tiles in different sizes 500x500 mm (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ m2 including grouting the joints with white cement and matching pigments etc., complete.(P.No. 60, I.No. 9.12.1, V-2 of PWP & IWTD SR 2021-22) FIRST FLOOR	Sqm	6.30	1,145.47	7,216.00	Rupees Seven Thousand Two Hundred Sixteen Only
	Quantity Above 125%	Sqm	2.10	1,170.43	2,458.00	Rupees Two Thousand Four Hundred Fifty Eight Only
88	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/ m2 including grouting the joint with white cement & matching pigments etc. complete.Size of Tile 500x500 mm (P.No. 61, I.No. 9.17.1 of PWP & IWTD SR 2021-22) GROUND FLOOR	Sqm	0.00	0.00	0.00	Rupees Nil
89	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/ m2 including grouting the joint with white cement & matching pigments etc. complete.Size of Tile 500x500 mm (P.No. 61, I.No. 9.17.1 of PWP & IWTD SR 2021-22) FIRST FLOOR	Sqm	33.49	1,173.77	39,307.00	Rupees Thirty Nine Thousand Three Hundred Seven Only
	Quantity Above 125%	Sqm	6.40	1,187.78	7,605.00	Rupees Seven Thousand Six Hundred Five Only
90	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge.** Polished Granite stone slab Black, Cherry Red, Brown, Cat Eye, River Pink or equivalent. (P.No. 63, I.No. 9.23 of PWP & IWTD SR 2021-22) GROUND FLOOR	Sqm	284.38	3,092.97	8,79,576.00	Rupees Eight Lakh(s) Seventy Nine Thousand Five Hundred Seventy Six Only

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Executive Engineer
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Sl. No	Discription of Item	Unit	Quantity	Rate	Amount	
					In Figure	In Words
91	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge.** Polished Granite stone slab Black, Cherry Red, Brown, Cat Eye, River Pink or equivalent. (P.No. 63, I.No. 9.23 of PWP & IWTD SR 2021-22) FIRST FLOOR	Sqm	129.88	3,250.06	4,22,131.00	Rupees Four Lakh(s) Twenty Two Thousand One Hundred Thirty One Only
92	Providing and fixing Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge. (KWPD 2021-22, V-II, Item No.11.25.2, Page No.82)	kGS	13,356.42	126.84	16,94,128.00	Rupees Sixteen Lakh(s) Ninety Four Thousand One Hundred Twenty Eight Only
93	Providing and fixing of Aluminium composite panel of approved make and colour for wall cladding for Brick/Rcc/stone walls & coloumns/ beams with necessary aluminium frame works at required level made out of 50x25x4mm C section or equivalent. The panel should consist of 3mm thick non-halogenated FR grade mineral based polymer (2 hrs fire resistance as per ASTM E119-12 and clause B, S1, do as per ENT 13501-1sandwiched between 0.50 skins thick aluminium sheet making a total panel thickness of 4mm. The surfaces will be finished with PVDF based coating on topsides and service coating on reverse sides would be in polyester paint. The system shall be fixed using GI brackets, aluminium L cleats and stainless steel bolts and nuts complete with spring washer and cap nuts and all other necessary accessories, sealing shall be done with necessary rods etc., complete (KWPD 2021-22, V-II, Item No.10.15.1, Page No.71)	Sqm	632.48	4,229.66	26,75,175.00	Rupees Twenty Six Lakh(s) Seventy Five Thousand One Hundred Seventy Five Only
94	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in- charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.) including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge.(KWPD 2021-22, V-II, Item No.11.28, Page No.83)	kGS	637.20	572.74	3,64,950.00	Rupees Three Lakh(s) Sixty Four Thousand Nine Hundred Fifty Only

Contractor

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Executive Engineer

Sl. No	Discription of Item	Unit	Quantity	Rate	Amount	
					In Figure	In Words
95	Providing and fixing 18 mm thick gang saw cut granite of any color and shade, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch up, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc, complete at all levels. (P.No. 69, I.No. 10.1.1, V-2 of PWP & IWTD SR 2021-22)	Sqm	67.78	3,900.85	2,64,404.00	Rupees Two Lakh(s) Sixty Four Thousand Four Hundred Four Only
	Quantity Above 125%	Sqm	21.09	3,983.16	84,020.00	Rupees Eighty Four Thousand
96	Providing and laying flooring and steps fine machine polished granite stone slabs 20 mm thick on cement mortar bed 1:6, 20 mm thick, and joints finished with cement mortar 1:3 over existing cement concrete bed , including cost of materials, mortar, labour, curing complete as per specifications.(P.No. 64, I.No. 9.30 of PWP & IWTD SR 2021-22) GROUND FLOOR	Sqm	17.74	2,688.05	47,689.00	Rupees Forty Seven Thousand Six Hundred Eighty Nine Only
97	Providing and laying flooring and steps fine machine polished granite stone slabs 20 mm thick on cement mortar bed 1:6, 20 mm thick, and joints finished with cement mortar 1:3 over existing cement concrete bed , including cost of materials, mortar, labour, curing complete as per specifications.(P.No. 64, I.No. 9.30 of PWP & IWTD SR 2021-22) FIRST FLOOR	Sqm	17.74	5,158.53	91,519.00	Rupees Ninety One Thousand Five Hundred Nineteen Only
98	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ m2 including grouting the joints with white cement and matching pigments etc., Complete. Size of Tile 500x500 mm (KWPD 2021-22, V-II, Item No.9.12.1, Page No.60)	Sqm	0.00	0.00	0.00	Rupees Nil
99	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick bed of cement mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3 kg/ m2 including pointing the joints with white cement and matching pigments etc., complete. (KWPD 2021-22, V-II, Item No.9.11, Page No.60)	Sqm	0.00	0.00	0.00	Rupees Nil
100	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer- in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per m2, including pointing in white cement mixed with pigment of matching shade complete. (KWPD 2021-22, V-II, Item No.10.14, Page No.71)	Sqm	0.00	0.00	0.00	Rupees Nil

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Sl. No	Discription of Item	Unit	Quantity	Rate	Amount	
					In Figure	In Words
101	Providing & fixing factory made PVC Door frame of size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet metered cut at corners & jointed 2 No.s of 150mm long brackets of 15x15mm M.S Square tube, the entire door frame to be reinforced with 19x19mm M.S Square tube of 19 gauge. The door frame to be fixed to the wall using M.S. Screws of 65/80mm size complete as per manufacturers specification & direction of Engineer-in-charge. (P.No. 105, I.No. 12.54 of PWP & IWTD SR 2021-22) GROUND FLOOR	Sqm	0.00	0.00	0.00	Rupees Nil
102	Providing & fixing factory made PVC Door frame of size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet metered cut at corners & jointed 2 No.s of 150mm long brackets of 15x15mm M.S Square tube, the entire door frame to be reinforced with 19x19mm M.S Square tube of 19 gauge. The door frame to be fixed to the wall using M.S. Screws of 65/80mm size complete as per manufacturers specification & direction of Engineer-in-charge. (P.No. 105, I.No. 12.54 of PWP & IWTD SR 2021-22) FIRST FLOOR	Sqm	4.50	549.32	2,472.00	Rupees Two Thousand Four Hundred Seventy Two Only
103	Providing & fixing 30mm thick factory made rigid foam Prelam Panelled Door Shutters made from M.S. tube of 19x19mm, 19 gauge for stiles and 15x15mm for top & bottom rails, covered with heat moulded Prelaminated PVC C Channel of 5mm thick sheet & 30x50mm wide to form stiles & 5mm thick & 75mm wide Prelaminated PVC Sheets for top rail, lock rail & bottom rail on either side & 5mm thick, 20mm wide cross PVC sheet as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet Prelaminated on either side fitted in the M.S. frame, Sealed to the stiles & rails with PVC Designer beading on either side & joined together with solvent cement adhesive etc., Complete as per manufacturers specification & direction of Engineer-in-charge fixed to frames with 3 No's of 75mm Aluminium hinges -do- with both side prelam.(P.No. 106, I.No. 12.55.1 of PWP & IWTD SR 2021-22) GROUND FLOOR	Sqm	0.00	0.00	0.00	Rupees Nil
104	Providing & fixing 30mm thick factory made rigid foam Prelam Panelled Door Shutters made from M.S. tube of 19x19mm, 19 gauge for stiles and 15x15mm for top & bottom rails, covered with heat moulded Prelaminated PVC C Channel of 5mm thick sheet & 30x50mm wide to form stiles & 5mm thick & 75mm wide Prelaminated PVC Sheets for top rail, lock rail & bottom rail on either side & 5mm thick, 20mm wide cross PVC sheet as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet Prelaminated on either side fitted in the M.S. frame, Sealed to the stiles & rails with PVC Designer beading on either side & joined together with solvent cement adhesive etc., Complete as per manufacturers specification & direction of Engineer-in-charge fixed to frames with 3 No's of 75mm Aluminium hinges -do- with both side prelam.(P.No. 106, I.No. 12.55.1 of PWP & IWTD SR 2021-22) FIRST FLOOR	Sqm	3.94	4,402.36	17,334.00	Rupees Seventeen Thousand Three Hundred Thirty Four Only
	Quantity Above 125%	Sqm	0.56	4,398.36	2,474.00	Rupees Two Thousand Four

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Executive Engineer

No	Discription of Item	Unit	Quantity	Rate	Amount	
					In Figure	In Words
05	Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, usage charges complete as per specifications.(P.No. 99, I.No. 12.11 of PWP & IWTD SR 2021-22) GROUND FLOOR	Cum	0.14	1,03,612.51	14,656.00	Rupees Fourteen Thousand Six Hundred Fifty Six Only
06	Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, usage charges complete as per specifications.(P.No. 99, I.No. 12.11 of PWP & IWTD SR 2021-22) FIRST FLOOR	Sqm	0.14	1,04,399.90	14,767.00	Rupees Fourteen Thousand Seven Hundred Sixty Seven Only
17	Providing and fixing in position fully panelled Honne wood shutters for doors with stiles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and stiles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, usage charges complete as per specifications. (excluding cost of fixtures)(P.No. 100, I.No. 12.15 of PWP & IWTD SR 2021-22) GROUND FLOOR	Sqm	3.15	5,815.17	18,318.00	Rupees Eighteen Thousand Three Hundred Eighteen Only
18	Providing and fixing in position fully panelled Honne wood shutters for doors with stiles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and stiles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, usage charges complete as per specifications. (excluding cost of fixtures)(P.No. 100, I.No. 12.15 of PWP & IWTD SR 2021-22) FIRST FLOOR	Sqm	3.15	5,873.71	18,502.00	Rupees Eighteen Thousand Five Hundred Two Only
19	Providing and fixing ISI marked M.S. pressed butt hinges bright finished with necessary screws etc. (P.No. 107, I No. 12.68.1 of PWP & IWTD SR 2021-22) GROUND FLOOR	Each	12.00	42.93	515.00	Rupees Five Hundred Fifteen Only
0	Providing and fixing ISI marked M.S. pressed butt hinges bright finished with necessary screws etc. (P.No. 107, I.No. 12.68.1 of PWP & IWTD SR 2021-22) FIRST FLOOR	Each	18.00	43.91	790.00	Rupees Seven Hundred Ninety Only
1	Providing and fixing chromium plated brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete. (P.No. 107, I.No. 12.60 of PWP & IWTD SR 2021-22) GROUND FLOOR	Each	3.00	953.26	2,860.00	Rupees Two Thousand Eight Hundred Sixty Only
2	Providing and fixing chromium plated brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete. (P.No. 107, I.No. 12.60 of PWP & IWTD SR 2021-22) FIRST FLOOR	Each	6.00	963.02	5,778.00	Rupees Five Thousand Seven Hundred Seventy Eight Only
3	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete (P.No. 107, I.No. 12.63 of PWP & IWTD SR 2021-22) GROUND FLOOR	Each	5.00	126.84	634.00	Rupees Six Hundred Thirty Four Only
4	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete (P.No. 107, I.No. 12.63 of PWP & IWTD SR 2021-22) FIRST FLOOR	Each	5.00	127.82	639.00	Rupees Six Hundred Thirty Nine Only

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No	Discription of Item	Unit	Quantity	Rate	Amount	
					In Figure	In Words
15	Providing and laying heavy duty cobble sTonnes 75mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per m2 over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and Usage charges of machinery complete as per specifications.(P.No. 64, I.No.9.32 of PWP & IWTD SR 2021-22)	Sqm	0.00	0.00	0.00	Rupees Nil
16	Earth work excavation for pipeline trenches in all kinds of soils bymechanical means above 600 mm trench width as per drawing andtechnical specifications, including setting out, construction of shoring,strutting, barricading, caution lights, bracing, using sight rails & boringrods at every 100 mm whevere necessary as directed, removal ofstumps and other deleterious matter, dressing of sides and levellingthe bottom of trench to the extent required , utilising the availableexcavated earth locally for the work etc., and all other appurtenancescomplete in the following strata. (P.No. 10, I.No. 1.17.1 of PWP & IWTD SR 2018-19)	Cum	14.78	221.48	3,273.00	Rupees Three Thousand Two Hundred Seventy Three Only
17	Concealed Conduit System: Supplying .... Mm dia 2mm2.5mm Thick heavy gauge PVC conduit pipe with suitable size bends, metal/PVC junction boxes adhesive paste etc... and running before concreting th eslab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be convered using PVC end enclosures. run with 18SWG GI fish wire wherever necessary (P.No. 1, I.No. 1.2 of PWD Ele SR 2021-22)	M	75.00	63.42	4,757.00	Rupees Four Thousand Seven Hundred Fifty Seven Only
18	1.2.2) 25mm dia 2mm thick	M	50.00	72.20	3,610.00	Rupees Three Thousand Six Hundred Ten Only
19	1.2.3) 32mm dia 2.5mm thick	M	50.00	96.59	4,830.00	Rupees Four Thousand Eight Hundred Thirty Only
20	57.05) PVC pipe-50mm dia (P.No. 21, Sl.No. 448 of BESCOM SR 2021-22)	M	300.00	53.66	16,098.00	Rupees Sixteen Thousand Ninety Eight Only
21	57.07) PVC pipe-75mm dia (P.No. 21, Sl.No. 450 of BESCOM SR 2021-22)	M	75.00	82.93	6,220.00	Rupees Six Thousand Two Hundred Twenty Only
22	57.07) PVC pipe-100mm dia (P.No. 20, Sl.No. 452,of BESCOM SR 2021-22)	M	75.00	132.70	9,953.00	Rupees Nine Thousand Nine Hundred Fifty Three Only
23	Supplying heavy gauge PVC Conduit Pipe .. . dia ..... mm thick with suitable size bends, metal junction boxes adhesive paste etc., by groove cutting in the wall and fixing by bracing U or J hooks and cement plastering upto the wall surface and run with 18 SWG GI fish wire run throughout the conduit wherever necessary. (P.No. 1, I.No. 1.3 of PWD Ele SR 2021-22)	M	75.00	78.06	5,855.00	Rupees Five Thousand Eight Hundred Fifty Five Only
24	1.3.2) 25 mm dia 2 mm thick	M	75.00	82.93	6,220.00	Rupees Six Thousand Two Hundred Twenty Only
25	1.3.3) 32 mm dia 2.5 mm thick	M	50.00	109.28	5,464.00	Rupees Five Thousand Four Hundred Sixty Four Only
26	1.3.4) 40 mm dia 2.5 mm thick	M	50.00	123.91	6,196.00	Rupees Six Thousand One Hundred Ninety Six Only
27	Supplying heavy gauge PVC conduit pipe..... dia confirming to IS 2509 with suitable size benda, junction boxes, adhesive paste etc., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall stone structure or rawl plugs in case of brick walls and cement plastering damaged portion using heavy gauge saddles at an interval of 700mm using NF screws. (ELE SR 2021-22 Page-1, Item-1.1.2)	M	0.00	82.93	0.00	Rupees Nil

Sl. No	Discription of Item	Unit	Quantity	Rate	Amount	
					In Figure	In Words
128	Supplying..... mm dia 2mm/2.5mm thick heavy gauge PVC conduit pipe with suitable size bends, metal/PVC junction boxes adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary. (ELE SR 2021-22 Page-1, Item-1.2.2)	M	0.00	72.20	0.00	Rupees Nil
129	Groove cutting in the wall supplying.....dia 2mm/2.5mm thick heavy gauge PVC Conduit Pipe with bends, metal junction boxes adhesive paste etc., and bracing U or J hooks and cement plastering up to the surface of the brick level and run with 18 SWG GI fish wire run through out conduit wherever necessary. (ELE SR 2021-22 Page-1, Item-1.3.2)	M	0.00	83.91	0.00	Rupees Nil
130	Supplying and fixing sheet metal box made out of 18 SWG sheet metal with necessary holes for cable/conduit entry as required with one coat of approved make etc.(ELE SR 2021-22 Page-1, Item-1.4)	Each	0.00	135.62	0.00	Rupees Nil
131	d)180x90x65mm	Each	0.00	160.99	0.00	Rupees Nil
132	e)200x90x65mm	Each	0.00	175.63	0.00	Rupees Nil
133	Supplying and fixing PVC/metal conduit accessories (3/5) (ELE SR 2021-22 Page-1, Item-1.5)	Each	0.00	53.66	0.00	Rupees Nil
134	c) 32mm deep junction box		0.00	73.18	0.00	Rupees Nil
135	Supplying and flush mounting teak wooden box without front plank, made of not less than 12mm thick wood. after due groove cutting, necessary masonry patch work cpmplete.(ELE SR 2021-22 Page-2, Item-1.6)	M	0.00	116.11	0.00	Rupees Nil
136	b)12"x9"x3" (300x228x76)		0.00	109.28	0.00	Rupees Nil
137	Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using copper PVC insulated multi strand 2x1.5Sqmm copper wire with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. compelete for Each outlet. (ELE SR 2021-22 Page-2, Item-2.1)	Each	0.00	286.86	0.00	Rupees Nil
138	b) Medium point above 3Mtr up to 6Mtr from tapping point to out let via switch (Each point)		0.00	401.99	0.00	Rupees Nil
139	Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using copper PVC insulated multi strand 2x1.5Sqmm copper wire without switch, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for Each outlet. (ELE SR 2021-22 Page-3, Item-2.2)	No's	25.00	261.49	6,537.00	Rupees Six Thousand Five Hundred Thirty Seven Only
140	b) Medium point above 3Mtr up to 6Mtr from tapping point to out let via switch box	No's	25.00	375.64	9,391.00	Rupees Nine Thousand Three Hundred Ninety One Only
141	2.2.3)Long point above 6Mtr upto 10Mtr from tapping point to out let via switch box	No's	3.00	563.95	1,692.00	Rupees One Thousand Six Hundred Ninety Two Only
142	2.2.4)Two outlet in a row,above 3Mtr upto 6Mtr from tapping point to out let via switches	No's	5.00	698.60	3,493.00	Rupees Three Thousand Four Hundred Ninety Three Only
143	2.2.5)Three outlet in a row, above 6Mts upto 10Mtr from tapping point to out let via switches box	No's	5.00	1,019.61	5,098.00	Rupees Five Thousand Ninety Eight Only
144	Suppling and fixing PVC/metal conduit deep juction boxes (P.No. 3, I.No. 1.5 of PWD Ele SR 2021-22)	No's	10.00	50.74	507.00	Rupees Five Hundred Seven Only
145	1.5.2) 25mm deep juction box	No's	10.00	52.69	527.00	Rupees Five Hundred Twenty Seven Only
146	1.5.3) 32mm deep juction box	No's	10.00	71.23	712.00	Rupees Seven Hundred Twelve Only
147	1.12)Suplay and fixing Metal Fan Box with Round Hook	No's	15.00	169.77	2,547.00	Rupees Two Thousand Five Hundred Forty Seven Only

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Executive Engineer

Sl. No	Discription of Item	Unit	Quantity	Rate	Amount	
					In Figure	In Words
148	Supplying and flush mounting powder coated metal box suitable for mounting modular switch plates.The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall (P.No. 9, I.No. 3.4 of PWD Ele SR 2021-22)	No's	6.00	127.82	767.00	Rupees Seven Hundred Sixty Seven Only
149	3.4.2) 4-5Way	No's	5.00	143.43	717.00	Rupees Seven Hundred Seventeen Only
150	3.4.3) 6 Way	No's	5.00	220.51	1,103.00	Rupees One Thousand One Hundred Three Only
151	3.4.4) 8Way	No's	2.00	260.51	521.00	Rupees Five Hundred Twenty One Only
152	3.4.5) 10-12Way	No's	3.00	338.57	1,016.00	Rupees One Thousand Sixteen Only
153	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required No's. of machine screws, bolts nuts etc., complete on the existing metal/PVC box. (ELE SR 2021-22 Page-5, Item-3.5.3)	Each	20.00	253.68	5,074.00	Rupees Five Thousand Seventy Four Only
154	Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/dimmer/telephone socket etc on existing modular switch plate..(ELE SR 2021-22 Page-5, Item-3.6)	Each	68.00	91.72	6,237.00	Rupees Six Thousand Two Hundred Thirty Seven Only
155	3.6.2) 6A mps Two way	Each	15.00	158.06	2,371.00	Rupees Two Thousand Three Hundred Seventy One Only
156	3.6.4) Stepped fan regulator.	Each	15.00	325.88	4,888.00	Rupees Four Thousand Eight Hundred Eighty Eight Only
157	i) 32Amps DP switch	Each	8.00	390.28	3,122.00	Rupees Three Thousand One Hundred Twenty Two Only
158	j) 6/16Amps universal socket	Each	15.00	258.56	3,878.00	Rupees Three Thousand Eight Hundred Seventy Eight Only
159	3.6.11) 6/16Amps univeral socket	Each	5 00	258.56	1,293.00	Rupees One Thousand Two Hundred Ninety Three Only
160	Supplying and fixing superior gality modular switch mounting polycorbonate plate with neceaary supporting back plate with rquired No's. of machine screwes, bolts nuts etc., complete on the existing metal/PVC box..(P.No. 10, I.No. 3.6 of PWD Ele SR 2021-22)	Each	10.00	158.06	1,581.00	Rupees One Thousand Five Hundred Eighty One Only
161	3.5.2) 4 Module	Each	10.00	181.48	1,815.00	Rupees One Thousand Eight Hundred Fifteen Only
162	3.5.3) 6 Module	Each	10.00	253.68	2,537.00	Rupees Two Thousand Five Hundred Thirty Seven Only
163	3.5.4) 8 Module	Each	4.00	314.18	1,257.00	Rupees One Thousand Two Hundred Fifty Seven Only
164	3.5.5) 10-12 Module	Each	5.00	377.60	1,888.00	Rupees One Thousand Eight Hundred Eighty Eight Only
165	Supplying and fixing regular MCB distribution boards on wall/ woodboard /flush mounting required clamps,bolts,nuts etc.. with provision for fixing suitable type capacity MCB's single phase /3 phase /single door with powder coated painting etc., complete (P.No. 27, I.No. 5.18 of PWD Ele SR 2021-22)	Each	1.00	1,766.02	1,766.00	Rupees One Thousand Seven Hundred Sixty Six Only
166	5.18.8) 12Way SP & N	Each	1.00	2,153.37	2,153.00	Rupees Two Thousand One Hundred Fifty Three Only
167	5.18.9) 4Way TP & N	Each	1.00	3,180.78	3,181.00	Rupees Three Thousand One Hundred Eighty One Only
168	5.18.10) 6Way TP & N	Each	1.00	3,644.24	3,644.00	Rupees Three Thousand Six Hundred Forty Four Only
169	Supplying and fixing and wiring Earth Leakage Miniature Circuit Breaker [RCCB] 240/450V up 300mA sensitivity on exsiting wood/panel board. (P.No. 28, I.No. 5.19 of PWD Ele SR 2021-22)	Each	2.00	5,033.64	10,067.00	Rupees Ten Thousand Sixty Seven Only
170	5.19.3)32-40 Amps 4 Pole	Each	2.00	4,563.35	9,127.00	Rupees Nine Thousand One Hundred Twenty Seven Only

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					In Figure	In Words
171	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 Mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 12 mm dia (P.No.40, I.No. 6.1 of PWD Ele SR 2021-22)	Each	1.00	3,125.17	3,125.00	Rupees Three Thousand One Hundred Twenty Five Only
172	Supplying fixing and wiring earth electrode for grounding of lifts, transformers, DG sets etc. using 40mm dia 2.9mm thick 2.5 Mtr long GI pipe with GI funnel with mesh and suitable size reducer fixed on the top of the earth electrode. The funnel should be enclosed in a CC chamber of 400x400x400mm with a cast iron cover. The earth electrode shall have staggered holes of 12mm dia and the electrode should be covered 150mm all-round with alternate layers of salt and charcoal from the bottom of the CC chamber. The connection from the electrode is to be established through GI strip using GI bolts and nuts. (P.No.40, I.No. 6.2 of PWD Ele SR 2021-22)	Each	1.00	4,324.30	4,324.00	Rupees Four Thousand Three Hundred Twenty Four Only
173	Supplying and running of GI/Copper strips for grounding connections, using necessary fixing materials as required. (P.No. 55, I.No. 7.3 of PWD Ele SR 2021-22)	Each	40.00	122.94	4,918.00	Rupees Four Thousand Nine Hundred Eighteen Only
174	Copper strip ((7.3.6)25x3mm)	Each	25.00	544.44	13,611.00	Rupees Thirteen Thousand Six Hundred Eleven Only
175	Copper strip ((7.22.6)8SWG copper wire)	Each	15.00	112.21	1,683.00	Rupees One Thousand Six Hundred Eighty Three Only
176	Supplying of 2 feet LED PVC square batten with high quality diffuser with ife of 25000 burninng hours & 70% lumen maintance with CRI>80. power input :220-240V @ 50 hz & power factor >.9 along with CE approved drivers. 5 years warranty (P.No. 34, I.No. 11.3 of PWD Ele SR 2021-22)	Each	6 00	770.80	4,625.00	Rupees Four Thousand Six Hundred Twenty Five Only
177	Supplying of recess mounting non integrated type LED down light 15-18W luminaire comprising of pressure decast/ extruded aluminium housing, with spring loaded false ceiling clA, LED of Power/COB with CCT 6500 degree K, CRI> 70%. efficacy >100 lumen per W, 120degree beam spread, life> 25000 burning hours and Compliance to IS10322/IEC 60598, LM 79 & LM 80. The lamp compartment is enclosed with anti glare opal diffuser which enhances the lighting level. LED's are driven by HF electronic driver integrated in a separate control gear assembly., with PF > 0.95, power loss should< 5% of lamp Wage, short circuit & open circuit protection to be integrated in the circuit, THD less than 20%, Life as per LM 79. The operating input voltage should be between 130 to 275 V. BIS Approved and Tested by NABL/CPRI accredited laboratory with 2 years Warranty against any manufacturing defect working under standard electrical condition. (P.No. 34, I.No. 11.4 of PWD Ele SR 2021-22)	Each	0.00	2,265.58	0.00	Rupees Nil
178	Fixing all types and all capacities of fluorescent / fales ceiling /spot light /CFL / LED fittings indoor on the wall /ceiling / refters / girders using 23/0.0076" twin twisted PVC insulated wires, required No's of round blocks and clamps .(P.No. 34, I.No. 13.7 of PWD Ele SR 2021-22)	Each	36.00	123.91	4,461.00	Rupees Four Thousand Four Hundred Sixty One Only

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Sl. No	Discription of Item	Unit	Quantity	Rate	Amount	
					In Figure	In Words
179	Supplying exhaust fan of 1440 RPM of 300 mm (12") size with bracket blades complete for light duty suitable for operate of 230V 50Hz, AC Supply. (P.No. 22, I.No. 6.1 of PWD Ele SR 2021-22)	Each	6.00	1,606.00	9,636.00	Rupees Nine Thousand Six Hundred Thirty Six Only
180	Cuting holes of required size in brick masonry wall for fixing of exhaust fan including providing and fixing 300 mm dia PVC pipe conforming IRS-12818 and making good the same etc. complete as per direction of Engineer-in-charge. (P.No. 128, I.No. 14.31 of PWP & IWD SR 2021-22,Vol II)	Each	2.00	114.16	228.00	Rupees Two Hundred Twenty Eight Only
181	Supplying capacitor type ceiling fan complete with down rod blades, shackle, canopies etc., for operation on 230 volts, 50 cycles. Single phase AC supply conforming to ISS 374-1979 and with double ball bearing system. 48" Sweep (1200mm)(P.No. 22, I.No. 6.4 of PWD Ele SR 2021-22)	Each	20.00	3,072.48	61,450.00	Rupees Sixty One Thousand Four Hundred Fifty Only
182	Supplying wall mounting fan suitable to operate at singlephase 230v AC supply. (1200mm) 400 mm Sweep (P.No. 22, I.No. 6.5.2 of PWD Ele SR 2021-22)	Each	4.00	2,957.35	11,829.00	Rupees Eleven Thousand Eight Hundred Twenty Nine Only
183	Supplying and fixing 32Amps security and energy saving DP switch with key tag suitable to operate on 230 Volts, 50Hz AC supply &completely wired on existing box. (ELE SR 6 Page-6, Item-3.7)	Each	12.00	777.63	9,332.00	Rupees Nine Thousand Three Hundred Thirty Two Only
184	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694 confirming to latest amendments. (ELE SR 2021-22 Page-3, Item 2.3)	M	200.00	19.51	3,902.00	Rupees Three Thousand Nine Hundred Two Only
185	b. 1.5 Sqmm	M	430.00	28.30	12,169.00	Rupees Twelve Thousand One Hundred Sixty Nine Only
186	2.3.3) 2.5 Sqmm	M	390.00	41.96	16,364.00	Rupees Sixteen Thousand Three Hundred Sixty Four Only
187	2.3.4) 4 Sqmm	M	350.00	63.42	22,197.00	Rupees Twenty Two Thousand One Hundred Ninety Seven Only
188	C.6 Sqmm	M	390.00	89.76	35,006.00	Rupees Thirty Five Thousand Six Only
189	Supplying and fixing of PVC casing and capping on the wall or ceilng using necessary materials like bends, screws at an interval of 300mm …. Etc as required. (ELE SR 2021-22 Page-2, Item-1.8)	M	50.00	28.30	1,415.00	Rupees One Thousand Four Hundred Fifteen Only
190	Supplying PVC/GI flexible conduit pipe….mm dia fixing on surface over inverted wooden plugs or phill plugs or rawl plugs and clamped using heavy gauge saddles at an interval of 300mm using MF screws and either end of the pipe terminated completely. (ELE SR 2021-22 Page-2, Item-1.9)	No's	50.00	27.32	1,366.00	Rupees One Thousand Three Hundred Sixty Six Only
191	Extra for supplying 4mm thick white plastic plate and covering for junction boxes of size 110mm conduit using necessary machine screws. (ELE SR 2021-22 Page-6, Item-3.10.2)	No's	20.00	14.64	293.00	Rupees Two Hundred Ninety Three Only
192	Supplying a 50mm wooden plug, tapered from 50x50mm to 25x25mm and fixing by using binding wire before concreting a roof slap. (ELE SR 2021-22 Page-6, Item-3.11)	No's	20.00	10.73	215.00	Rupees Two Hundred Fifteen Only
193	Supplying and fixing of slim box fitting, made out of CRCA Sheet metal body with locking type holder completely wired. Excluding Ballast & Flouresent Tube. 1 x 4' Tube light fitting. (ELE SR 2019-20 Page-41, Item-12.25.2)	Each	10.00	322.96	3,230.00	Rupees Three Thousand Two Hundred Thirty Only

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					In Figure	In Words
194	Supplying and fixing of T5 Fluorescent Tube with 14W power consumption with low 3mg Mercury content & below 40% glass content than T8 lamp & 20% less phosphor coating than T8 with initial lumen on 1350 (for 3000-6500 deg Kelvin), rated Avg life (12 Hr. Cycle) of greater than 35000 burning hours. Operating voltage range from 180V to 265V, 50Hz AC power Supply 28 watts Lamp (ELE SR 2021-22 Page-40, Item-12.18.2)	Each	12.00	175.63	2,108.00	Rupees Two Thousand One Hundred Eight Only
195	Suppiying, installing, testing and commissioning of Diesel Generator set with following specifications. Power rating as per standard reference condition as per-BS 5514/ISO 3046/ ISO 8528 & IS 1002/ISO 3046 Generator set specifications. Engine: Diesel generating set are rated at 1500RPM and conform to ISO 8528 specifications. The engines are radiator cooled, four stroke and multi cylinder, conforming to ISO 3046. The scope of supply includes: Electrical starter motor12V DC Battery charging alternator, Bosch fuel system with mechanical governor, A1 Class, Spin-on lube oil filter, Spin-on dual fuel filter with water separator, Turbocharger, Charge air cooler, Silencer (Hospital grade), Dry type air cleaner, Shutoff coil, Flywheel and flywheel housing, First fill of lube oil and coolant, Safety for low lube oil pressure, Safety for high water temperature, Permissible overload of 10% for one hour in 12 hours of operation Capacity of Fuel Tank: Fuel tank suitable for 8 hours of operation Alternator: Alternator is suitable for operation at 1500 RPM, 415 V, 0.8 pf (lag) suitable for 50 Hz, 3 phase, 4 wire systems,	Each	0.00	3;67,392 03	0.00	Rupees Nil
196	Disposal of building rubbish / maliba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge to the appropriate disposal area. (P.No. 169, I.No.19.57 of PWP & IWTD SR 2021-22)	Cum	0.00	65.37	0.00	Rupees Nil
197	BESCOM CHARGES	Each	1.00	50,000.00	50,000.00	Rupees Fifty Thousand Only
198	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required : W.C. pan with ISI marked white solid plastic seat and lid(P.No. 123, I.No. 14.3.1 of PWP & IWTD SR 2021-22) GROUND FLOOR	Each	0 00	5,737.12	0.00	Rupees Nil
199	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required : W.C. pan with ISI marked white solid plastic seat and lid(P.No. 123, I.No. 14.3.1 of PWP & IWTD SR 2021-22) FIRST FLOOR	Each	2.00	5,793.71	11,587.00	Rupees Eleven Thousand Five Hundred Eighty Seven Only

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Sl. No	Discription of Item	Unit	Quantity	Rate	Amount	
					In Figure	In Words
200	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required : W.C. pan with ISI marked white solid plastic seat and lid (KPWD SR 2021-22, Volume-II, Item No.14.2.1, Page No.123)	Each	1.00	4,614.09	4,614.00	Rupees Four Thousand Six Hundred Fourteen Only
201	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required : One urinal basin with 5 litre white P.V.C. automatic flushing cistern (KPWD SR 2021-22, Volume-II, Item No.14.4.1, Page No.123)	Each	2.00	4,053.06	8,106.00	Rupees Eight Thousand One Hundred Six Only
202	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: White Vitreous China Wash basin size 630x450 mm with a pair of 15mm C.P. brass pillar taps (KPWD SR 2021-22, Volume-II, Item No.14.7.1, Page No.124) GROUND FLOOR	Each	0.00	2,898.80	0.00	Rupees Nil
203	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: White Vitreous China Wash basin size 630x450 mm with a pair of 15mm C.P. brass pillar taps (KPWD SR 2021-22, Volume-II, Item No.14.7.1, Page No.124) FIRST FLOOR	Each	2.00	2,927.10	5,854.00	Rupees Five Thousand Eight Hundred Fifty Four Only
204	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required : 510x1040 mm bowl depth 250 mm (P.No. 125, I.No. 14.10.1.1 of PWP & IWTD SR 2018-19)	Each	1.00	5,696.14	5,696.00	Rupees Five Thousand Six Hundred Ninety Six Only
205	Providing and placing on terrace (at all floor levels) polyethylene water storage tank IS: 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank. (KPWD SR 2021-22, Volume-II, Item No.13.34)	LTR	2,000.00	9.27	18,540.00	Rupees Eighteen Thousand Five Hundred Forty Only
206	Supply and delivery of Centrifugal pumpset at site brand new best make and with discharge duty confirming to ISI standards and its latest amendments. 2 HP, Size 65x50 Head 13M, Discharge 462 LPM(P.No. 164, I.No. 46.1 of PWP & IWTD SR 2021-22)	Each	1.00	17,681.64	17,682.00	Rupees Seventeen Thousand Six Hundred Eighty Two Only

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					In Figure	In Words
7	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge Concealed work, including cutting chases and making good the walls etc. 15mm nominal dia pipes.(I.No. 13.32.1 of PWP & IWTD SR 2021-22,1st Corrigendum and Addendum order - 21-04-2022)	Mtr	50.00	350.28	17,514.00	Rupees Seventeen Thousand Five Hundred Fourteen Only
8	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge Concealed work, including cutting chases and making good the walls etc. 20mm nominal dia pipes.(I.No. 13.32.2 of PWP & IWTD SR 2021-22,1st Corrigendum and Addendum order - 21-04-2022)	Mtr	50.00	427.36	21,368.00	Rupees Twenty One Thousand Three Hundred Sixty Eight Only
9	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge Concealed work, including cutting chases and making good the walls etc. 25mm nominal dia pipes.(I.No. 13.32.3 of PWP & IWTD SR 2021-22,1st Corrigendum and Addendum order - 21-04-2022)	Mtr	50.00	546.39	27,320.00	Rupees Twenty Seven Thousand Three Hundred Twenty Only
10	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Internal work - Exposed on wall 25 mm nominal dia Pipes (KPWD SR 2021-22, Volume-II, Item No.13.31.3)	Mtr	0.00	361.98	0.00	Rupees Nil
11	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Internal work - Exposed on wall 32 mm nominal dia Pipes (KPWD SR 2021-22, Volume-II, Item No.13.31.4)	Mtr	50.00	449.80	22,490.00	Rupees Twenty Two Thousand Four Hundred Ninety Only

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					In Figure	In Words
212	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge Concealed work, including cutting chases and making good the walls etc, 32mm nominal dia pipes.(I.No. 13.32.4 of PWP & IWTD SR 2021-22,1st Corrigendam and Addendum order - 21-04-2022)	Mtr	35.00	637.13	22,300.00	Rupees Twenty Two Thousand Three Hundred Only
213	Constructing brick masonry chamber of internal dimension 600x450mm and depth of 600mm (inner dimensions) with modular bricks of CD 75 in cement mortar 1:6, bed concrete 150mm thick with 1:3:6, plastering 12 mm thick with cement mortar 1:4, CC 1:2:4 coping 75mm thk for fixing CI cover & frame etc. excluding the cost of CI frame and cover.(P.No. 187, SOR CODE-T130A of PWP & IWTD SR 2021-22,Vol-V)	Mtr	3.00	5,013.15	15,039.00	Rupees Fifteen Thousand Thirty Nine Only
214	Supplying, laying and jointing HDPE pipes of specified grade and conforming to IS 4984-2016 with latest ammendments and conveying to work site including loading and unloading at both destinations and rolling and lowering into trenches, laying true to line and jointing of pipes and specials with electrofusion welding, giving hydraulic test as per relevant ISS with all lead and lifts including encasing the pipe alround to a depth of not less than 15 cms. with soft gravel or selected earth available from the excation, testing and commissioning. The rate is exclusive of required specials and fittings wherever necessary like saddle Tee, stub ends, flanged sets, bedns, reducers etc. complete (Contractor will make his own arrangements for procuring water for testing) etc HDPE Grade PE100-PN6.0,200mm dia..(P.No. 126, SOR Code-K0601 of PWP & IWTD SR 2021-22,Vol-V)	Mtr	50.00	985.46	49,273.00	Rupees Forty Nine Thousand Two Hundred Seventy Three Only
15	Providing and fixing brass bib cock of approved quality : 20 mm nominal bore (P.No. 114, I.No. 13.2.2 of PWP & IWTD SR 2021-22,Vol-II)	Mtr	15.00	394.18	5,913.00	Rupees Five Thousand Nine Hundred Thirteen Only
16	Providing and fixing brass stop cock of approved quality : 20 mm nominal bore(P.No. 114, I.No. 13.3.2 of PWP & IWTD SR 2021-22,Vol-II)	Mtr	5.00	394.18	1,971.00	Rupees One Thousand Nine Hundred Seventy One Only
17	Providing and fixing square-mouth S.W. gully trap class SP-1 complete with C I. grating brick masonry chamber 150 x 100 mm size P type With Non Modular common burnt clay bricks of designation 3.5 & with water tight C.I. cover with frame of 300 x300 mm size (inside) the weight or cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design: (KPWD SR 2021-22, Volume-II, Item No.13.39)	Each	12.00	2,634.39	31,613.00	Rupees Thirty One Thousand Six Hundred Thirteen Only
18	Providing and fixing PTMT grating of approved quality and colour Circular type 100 mm nominal dia.(P.No. 118, I.No. 13.22.1.1of PWP & IWTD SR 2021-22,Vol-II)	No's	5.00	102.45	512.00	Rupees Five Hundred Twelve Only
19	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete. (P.No. 128, I.No. 14.31 of PWP & IWTD SR 2021-22,Vol-II) GROUND FLOOR	No's	7.00	1,112.30	7,786.00	Rupees Seven Thousand Seven Hundred Eighty Six Only

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No	Discription of Item	Unit	Quantity	Rate	Amount	
					In Figure	In Words
0	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete. (P.No. 128, I.No. 14.31 of PWP & IWTD SR 2021-22,Vol-II) FIRST FLOOR	No's	2.00	1,112.00	2,224.00	Rupees Two Thousand Two Hundred Twenty Four Only
1	4 Seater Student Desk Heavy Fabricated Frame with 18mm pre laminated board top complete as per specification and the directions of Engineer-in-charge	No's	571.00	14,937.95	85,29,569.00	Rupees Eighty Five Lakh(s) Twenty Nine Thousand Five Hundred Sixty Nine Only
	EIRL ITEM.					Rupees Nil
	Providing and fixing stainless steel 304 grade for seating arrangement at bus shelter using 50mm dia 16 guage hollow pipe for verticals at 1 mtr center to centre for seating 25mm dia stainless steel pipe spaced at 0.75m regular intervals, and sides 25mm dia. Stainless steel hollow horizontal pipe 1.2 mtrs depth back rust 40mm dia stainless steel pipe of 0.4 mtr wide 1 mtr centre to centre for seating stainless steel perforated sheet of 1.5mm thick of width 0.45 mtr and for back rest stainless steel perforated sheet of 1.5mm thick are welded. The entire assembly is fixed as per specification etc complete including cost of materials, labour, HOM of machineries and electrical charges etc., complete as per specifications. (aproved data rate)	Sqm	39.00	31,230.00	12,17,970.00	Rupees Twelve Lakh(s) Seventeen Thousand Nine Hundred Seventy Only
	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick made of M25 with OPC cement @ 340kgs per Cum with 20 mm and Down size graded granite metal coarse agg @.70 mixed including providing and removing centering, shuttering, shuttering propping etc. for edges of slabs with TMT (Fe500) COM, labor, labor, all Lead and Lift, HOM, Curing, including Cost of reinf. Etc, Complete as directed by the Engineer In charge of Work (Data Rate)	Sqm	178.44	2,156.95	3,84,887.00	Rupees Three Lakh(s) Eighty Four Thousand Eight Hundred Eighty Seven Only
	Providing and Fixing pre cast covering Slab 230mm thick made out of CC 1:1.5:3 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc .complete.As per Engineer incharge	Sqm	27.75	5243.52	1,45,508.00	Rupees One Lakh(s) Forty Five Thousand Five Hundred Eight Only
	Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6 (1 cement : 6 coarse sand)	Cum	75.67	6,128.58	4,63,725.00	Rupees Four Lakh(s) Sixty Three Thousand Seven Hundred Twenty Five Only
	Providing and supplying two coats of art painting of approved band and shade on wall surface including primer coat with cost of matirials,labour,complete as per specification and directions of the engineer uin charge of the work-Data rate	Sqm	212.19	988.95	2,09,843.00	Rupees Two Lakh(s) Nine Thousand Eight Hundred Forty Three Only
	Providing and fixing 1mm thick M.S. sheet door with frame of 40x40x6 mm angle iron and 3 mm M.S. gusset plates at the junctions and corners, all necessary fittings complete, including applying a priming coat of approved steel primer. Using M.S. angels 40x40x6 mm for diagonal braces including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge.	Sqm	2.88	4,191.07	12,070.00	Rupees Twelve Thousand Seventy Only

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Sl. No	Discription of Item	Unit	Quantity	Rate	Amount	
					In Figure	In Words
E7	Providing and constructing un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 M30 (Grade), coarse and fine aggregates conforming to IS:383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the formwork as per drawing), spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operation including construction joints, , primer, sealant , curing of concrete slabs for 14- days, and water finishing to lines and grade as per drawing and technical specification clause 1501 with all lead, lifts, loading & unloading charges, cost and conveyance of all materials, labour, equipments etc., complete MORTH Specification No.1501 , as per the directions of the Engineer-in-charge of the work.	Cum	83.58	7,456.89	6,23,247.00	Rupees Six Lakh(s) Twenty Three Thousand Two Hundred Forty Seven Only
E8	Providing & fixing corrugated G.S. sheet roofing including vertical / curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete as per design drawings (up to any pitch in horizontal/ vertical or curved surfaces), excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required as per the direction of Engineer in charge.	Sqm	13.20	928.56	12,257 00	Rupees Twelve Thousand Two Hundred Fifty Seven Only
E9	Providing and fixing M.S.Gate as per Chief Architect Drawing using 50mm x 50mm 14 gauge M.S. hollow pipe frame workbent to ornamental shape as shown in drawing and 35mm x 6mm and 16 x16mm Square rods for verticals alternatively spaced at 4cms ole in two halves and 40mm x 6mm M.S.flats for for horizantal member and at the top cast iron splices are providedat alternate vertical members as shwn in the drawing etc. complete All the steel surface should be Thorougly cleaned free of rust and painted with anti corrosive paint (shop paint) etc. complete. the work includes cost of all materials, labour charges, for all items of work hire charges for welding, cutting and grinding equipment and elecricity charges, with lead and lift, loading and unloading charges etc , complete as per specification	Sqm	6.30	3,323.62	20,939.00	Rupees Twenty Thousand Nine Hundred Thirty Nine Only

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